

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2279	74/567.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:29
L3	1937	74/569.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:29
L4	158	1 and (pump or "417".clas. or peristaltic)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:30
L5	231	3 and (pump or "417".clas. or peristaltic)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:30
L6	6	3 and (peristaltic)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:30
L7	3	1 and (peristaltic)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:30
L8	6	6 or 7	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 14:30
L9	4	("2957420").URPN.	USPAT	OR	ON	2011/01/25 14:31
L10	10	("0853707"   "1904799"   "2957420"   "3545896").PN. OR ("3793902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/25 14:32
L11	27	("0462666"   "1454886"   "2407343"   "2564793"   "2640424"   "3545896"   "3793902"   "4006797").PN. OR ("4090818").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/25 14:32
S1	1134	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	USPAT	OR	OFF	2009/04/16 14:32
S2	490	604/153.ccls.	USPAT	OR	OFF	2009/04/16 14:32
S3	507	S1 and shaft	USPAT	OR	OFF	2009/04/16 14:32
S4	45	S1 and core	USPAT	OR	OFF	2009/04/16 14:32
S5	1327	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:32

S6	395	417/474.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:32
S7	189	417/475.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:33
S8	192	417/476.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:33
S10	91	417/477.3.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:33
S11	646	417/477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:33
S12	200	417/477.1.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:33
S13	81	417/477.7.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S14	351	417/477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S15	6	S1 and lamella	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S16	45	S1 and core	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S17	177	S1 and region	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S18	43	S1 and pump and core	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:34
S19	488	S1 and pump and shaft	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:35
S20	1	"6920196"	EPO; DERWENT	OR	OFF	2009/04/16 14:36
S21	1	"69201966"	EPO; DERWENT	OR	OFF	2009/04/16 14:36
S22	1	"69,201,966"	EPO; DERWENT	OR	OFF	2009/04/16 14:38
S23	1	"69201966"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/16 14:40

S24	0	"10530071"	FPFS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2009/04/16 14:44
S25	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2009/04/16 14:44
S26	1	"5263830"	FPFS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2009/04/16 14:46
S27	1	("5263830").PN.	USPAT	OR	OFF	2010/06/12 13:21
S28	3	("5676192"   "5778530"   "6289764").PN.	USPAT	OR	OFF	2010/06/12 13:21
S29	4	("2877714"   "4909710"   "5558507"   "5964583").PN.	USPAT	OR	OFF	2010/06/12 13:24
S30	0	"10530071"	USPAT	OR	OFF	2010/06/12 13:33
S31	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:34
S32	11	("3981633"   "4072448"   "4597365"   "4638683"   "4648812"   "4725205"   "4755109"   "5263830").PN. OR ("5558507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/12 13:37
S33	21	("2285974"   "3229643"   "3233553"   "3429266").PN. OR ("3981633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/12 13:38
S34	1154	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	USPAT	OR	OFF	2010/06/12 13:40
S35	498	604/153.ccls.	USPAT	OR	OFF	2010/06/12 13:40
S36	519	S34 and shaft	USPAT	OR	OFF	2010/06/12 13:40
S37	48	S34 and core	USPAT	OR	OFF	2010/06/12 13:40
S38	1396	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S39	416	417/474.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S40	190	417/475.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40

S41	204	417/476.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S42	46	417/477.5.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S43	105	417/477.3.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S44	683	417/477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S45	213	417/477.1.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S46	86	417/477.7.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S47	371	417/477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S48	6	S34 and lamella	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S49	48	S34 and core	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S50	182	S34 and region	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S51	45	S34 and pump and core	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S52	499	S34 and pump and shaft	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S53	1	"6920196"	EPO; DERWENT	OR	OFF	2010/06/12 13:40
S54	1	"69201966"	EPO; DERWENT	OR	OFF	2010/06/12 13:40
S55	1	"69,201,966"	EPO; DERWENT	OR	OFF	2010/06/12 13:40
S56	1	"69201966"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/12 13:40
S57	0	"10530071"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/12 13:40

S58	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:40
S59	1	"5263830"	FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2010/06/12 13:40
S60	16	("2412397"   "2877714"   "3427986"   "3433171"   "3778195"   "4617014"   "4690673"   "4852124").PN. OR ("5263830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/12 13:43
S61	24	("2877714").URPN.	USPAT	OR	ON	2010/06/12 13:44
S62	46	417/477.5.ccls.	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:51
S63	34	"4909710"	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:52
S64	14	"5964583"	US-PGPUB; USPAT	OR	OFF	2010/06/12 13:52
S65	28	("3606596"   "3658445"   "4482347"   "4653987"   "4725205"   "4728265"   "4731057"   "4755109"   "4781548"   "4836752").PN. OR ("4909710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/12 13:53
S66	44	("0844414"   "1922196"   "2412397"   "2803050"   "3083647"   "3199054"   "3610761"   "4184817"   "4191184"   "4199307"   "4439706"   "4473342"   "4479797"   "4493706"   "4617014"   "4617775"   "4653987").PN. OR ("4755109"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/12 13:54
S67	22	("1922196").URPN.	USPAT	OR	ON	2010/06/12 13:56
S68	24	("2877714").URPN.	USPAT	OR	ON	2010/06/12 14:02
S69	321	417/474.ccls.	USPAT	OR	ON	2010/06/12 14:02
S70	416	417/474.ccls.	US-PGPUB; USPAT	OR	ON	2010/06/12 14:03
S71	35	"4909710"	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/14 10:52
S72	10	("2877714"   "4755168"   "4909710"   "5263830"   "5558507"   "5676192"   "5778530"   "5964583"   "6289764").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/27 12:38
S73	1	"10530071"	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/27 12:40
S74	1167	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	USPAT	OR	OFF	2011/01/20 15:10

S75	506	604/153.ccls.	USPAT	OR	OFF	2011/01/20 15:10
S76	526	S74 and shaft	USPAT	OR	OFF	2011/01/20 15:10
S77	49	S74 and core	USPAT	OR	OFF	2011/01/20 15:10
S78	434	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S79	428	417/474.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S80	191	417/475.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S81	214	417/476.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S82	112	417/477.3.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S83	700	417/477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S84	219	417/477.1.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S85	87	417/477.7.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S86	381	417/477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S87	6	S74 and lamella	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S88	49	S74 and core	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S89	189	S74 and region	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S90	45	S74 and pump and core	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S91	506	S74 and pump and shaft	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S92	1	"6920196"	EPO; DERWENT	OR	OFF	2011/01/20 15:10
S93	1	"69201966"	EPO; DERWENT	OR	OFF	2011/01/20 15:10

S94	1	"69,201,966"	EPO; DERWENT	OR	OFF	2011/01/20 15:10
S95	1	"69201966"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/20 15:10
S96	0	"10530071"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/20 15:10
S97	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S98	1	"5263830"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/01/20 15:10
S99	1	("5263830").PN.	USPAT	OR	OFF	2011/01/20 15:10
S100	3	("5676192"   "5778530"   "6289764").PN.	USPAT	OR	OFF	2011/01/20 15:10
S101	4	("2877714"   "4909710"   "5558507"   "5964583").PN.	USPAT	OR	OFF	2011/01/20 15:10
S102	0	"10530071"	USPAT	OR	OFF	2011/01/20 15:10
S103	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S104	11	("3981633"   "4072448"   "4597365"   "4638683"   "4648812"   "4725205"   "4755109"   "5263830").PN. OR ("5558507").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S105	21	("2285974"   "3229643"   "3233553"   "3429266").PN. OR ("3981633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S106	1167	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	USPAT	OR	OFF	2011/01/20 15:10
S107	506	604/153.ccls.	USPAT	OR	OFF	2011/01/20 15:10
S108	526	S106 and shaft	USPAT	OR	OFF	2011/01/20 15:10
S109	49	S106 and core	USPAT	OR	OFF	2011/01/20 15:10

S110	1434	417/474,475,476,477.5,477.3,477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S111	428	417/474.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S112	191	417/475.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S113	214	417/476.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S114	47	417/477.5.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S115	112	417/477.3.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S116	700	417/477.6,477.1,477.7,477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S117	219	417/477.1.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S118	87	417/477.7.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S119	381	417/477.8,472.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S120	6	S106 and lamella	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S121	49	S106 and core	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S122	189	S106 and region	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S123	45	S106 and pump and core	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S124	506	S106 and pump and shaft	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S125	1	"6920196"	EPO; DERWENT	OR	OFF	2011/01/20 15:10
S126	1	"69201966"	EPO; DERWENT	OR	OFF	2011/01/20 15:10
S127	1	"69,201,966"	EPO; DERWENT	OR	OFF	2011/01/20 15:10



S128	1	"69201966"	FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2011/01/20 15:10
S129	0	"10530071"	FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2011/01/20 15:10
S130	1	"10530071"	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S131	1	"5263830"	FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2011/01/20 15:10
S132	16	("2412397"   "2877714"   "3427986"   "3433171"   "3778195"   "4617014"   "4690673"   "4952124").PN. OR ("5263830").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S133	25	("2877714").URPN.	USPAT	OR	ON	2011/01/20 15:10
S134	47	417/477.5.ccls.	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S135	35	"4909710"	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S136	14	"5964583"	US-PGPUB; USPAT	OR	OFF	2011/01/20 15:10
S137	29	("3606596"   "3658445"   "4482347"   "4653987"   "4725205"   "4728265"   "4731057"   "4755109"   "4781548"   "4836752").PN. OR ("4909710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S138	44	("0844414"   "1922196"   "2412397"   "2803050"   "3083647"   "3199054"   "3610781"   "4184817"   "4191184"   "4199307"   "4439706"   "4473342"   "4479797"   "4493706"   "4617014"   "4617775"   "4653987").PN. OR ("4755109"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S139	23	("1922196").URPN.	USPAT	OR	ON	2011/01/20 15:10
S140	25	("2877714").URPN.	USPAT	OR	ON	2011/01/20 15:10
S141	330	417/474.ccls.	USPAT	OR	ON	2011/01/20 15:10
S142	428	417/474.ccls.	US-PGPUB; USPAT	OR	ON	2011/01/20 15:10

S143	36	"4909710"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S144	10	("2877714"   "4755168"   "4909710"   "5263830"   "5558507"   "5676192"   "5778530"   "5864583"   "6289764").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S145	1	"10530071"	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:10
S146	2	((("3981633") or ("6394771")).PN.	USPAT; USOCR	OR	OFF	2011/01/20 15:13
S147	29	("3606596"   "3658445"   "4482347"   "4653987"   "4725205"   "4728265"   "4731057"   "4755109"   "4781548"   "4836752").PN. OR ("4909710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:22
S148	20	("4561830"   "4648812"   "4725205"   "4728265"   "4755109"   "4869646"   "4909710"   "4954046").PN. OR ("5152680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/20 15:26

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	(imaginary adj line and peristaltic).dm.	USPAT; UPAD	OR	ON	2011/01/25 14:32
L13	364	gottschalk.in.	USPAT; UPAD	OR	ON	2011/01/25 14:33
L14	518	gottschalk.in.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/25 14:33
L15	1	gottschalk.in. and peristaltic	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/25 14:33
L16	34	gottschalk.in. and cam	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/25 14:33

1/25/2011 2:34:32 PM

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